LAKE: SEAWALL P

TOWN: SOUTHWEST HARBOR

COUNTY: HANCOCK

MIDAS: 2901 TRUE BASIN: 1 SAMPLE STATION:

1

TRUE BASIN CHARACTERISTICS

SURFACE AREA: Undetermined FLUSHING RATE: Undetermined

VOLUME: Undetermined

DIRECT DRAINAGE AREA: Undetermined

WHOLE LAKE INFORMATION

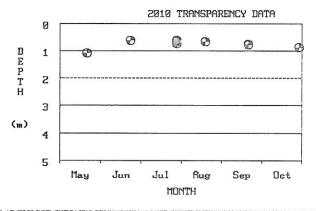
MAX. DEPTH: Undetermined MEAN DEPTH: Undetermined DELORME ATLAS #: 16 USGS QUAD: BASS HARBOR

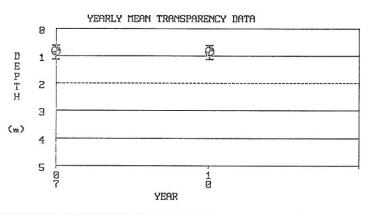
IFW REGION C: Grand Lake Stream (Machias)

IFW FISH. MANAGMENT: None

PLEASE NOTE THE FOLLOWING: The SAMPLE STATION # refers to the location sampled. The term TRUE BASIN is used to define areas within a lake that are separated by shallow reefs or shoals and therefore function as separate lakes. There are approximately 50 lakes in the state that have more than 1 True Basin. True Basin Characteristics are now being included in the first section of these reports to enable users of the Phosphorous Loading Methodology to better evaluate the data. If there is no data for a particular True Basin, True Basin Characteristics must be obtained from the DEP. SEAWALL P has 1 True Basin.

SECCHI DISK TRANSPARENCY GRAPHS:





Note: 2010 graphs may indicate multiple readings taken on a given day.

SUMMARY OF CHEMICAL AND TROPHIC STATE PARAMETERS:

[* indicates that Secchi disk was visable at bottom of lake (or one reading used in calculation was visable)].

MEAN	MEAN	MEAN	MEAN													
COLOR	pН	ALK	COND.	TOTAL	PEOS.	MEANS	(ppb)	SECCH	DISK	(m.)		CHLOROPHYLL A(ppb)	TROP	HIC STA	TE IN	DICES
(SPU)		(mg/l)	(us	EPI	SURF	BOT.	PRO.						EPI	PHOS		
			<u>/cm</u>)	CORE	GRAB	GRAB	GRAB	MIN.	MEAN	MAX.	N	MIN. MEAN MAX.	<u>C</u>	<u>G</u>	SEC	CHL
389	4.49	0.3	831	-	35	_	-	0.6*	0.8*	1.1*	5	9.4 14.4 19.3	-	-	-	_
573	4.73	2.4	107	-	56	-	-	0.6*	0.8*	1.1*	6	50.0 129.0 208.0	_	_	-	-
481	4.59	1.4	469	-	45	-	-	0.6*	0.8*	1.1*	2	9.4 71.7 208.0	-	-	-	-
	(SPU) 	COLOR pH (SPU) 389 4.49 573 4.73	COLOR pH ALK (SPU) (mg/l) 389 4.49 0.3 573 4.73 2.4	COLOR pH ALK COND. (SPU) (mg/l) (us /cm) 389 4.49 0.3 831 573 4.73 2.4 107	COLOR pH ALK COND. TOTAL (SPU) (mg/l) (uS EPI /cm) CORE 389 4.49 0.3 831 - 573 4.73 2.4 107 -	COLOR pH ALK COND. TOTAL PEOS. (SPU) (mg/l) (us EPI SURF /cm) CORE GRAB 389 4.49 0.3 831 - 35 573 4.73 2.4 107 - 56	COLOR pH ALK COND. TOTAL PHOS. MEANS (SPU) (mg/l) (us EPI SURF BOT. /cm) CORE GRAB GRAB 389 4.49 0.3 831 - 35 - 573 4.73 2.4 107 - 56 -	COLOR pH ALK COND. TOTAL PEOS. MEANS (ppb) (SPU) (mg/l) (us EPI SURF BOT. PRO. /cm) CORE GRAB GRAB GRAB 389 4.49 0.3 831 - 35 - - 573 4.73 2.4 107 - 56 - -	COLOR pH ALK COND. TOTAL PEOS. MEANS (ppb) SECCH. (SPU) (mg/l) (us EPI SURF BOT. PRO. /cm) CORE GRAB GRAB GRAB MIN. 389 4.49 0.3 831 - 35 0.6* 573 4.73 2.4 107 - 56 0.6*	COLOR pH ALK COND. TOTAL PHOS. MEANS (ppb) SECCHI DISK (SPU) (mg/l) (us EPI SURF BOT. PRC.	COLOR pH ALK COND. TOTAL PHOS. MEANS (ppb) SECCHI DISK (m.) (SPU) (mg/l) (us EPI SURF BOT. PRO. /cm) CORE GRAB GRAB GRAB MIN. MEAN MAX. 389 4.49 0.3 831 - 35 0.6* 0.8* 1.1* 573 4.73 2.4 107 - 56 0.6* 0.8* 1.1*	COLOR pH ALK COND. TOTAL PEOS. MEANS (ppb) SECCHI DISK (m.) (SPU) (mg/l) (us EPI SURF BOT. PRO. /cm) CORE GRAB GRAB GRAB MIN. MEAN MAX. N 389 4.49 0.3 831 - 35 0.6* 0.8* 1.1* 5 573 4.73 2.4 107 - 56 0.6* 0.8* 1.1* 6	COLOR pH ALK COND. TOTAL PEOS. MEANS (ppb) SECCHI DISK (m.) CHLOROPHYLL A(ppb) (SPU) (mg/l) (us EPI SURF BOT. PRC. /cm) CORE GRAB GRAB GRAB MIN. MEAN MAX. N MIN. MEAN MAX. 389 4.49 0.3 831 - 35 0.6* 0.8* 1.1* 5 9.4 14.4 19.3 573 4.73 2.4 107 - 56 0.6* 0.8* 1.1* 6 50.0 129.0 208.0	COLOR pH ALK COND. TOTAL PEOS. MEANS (ppb) SECCHI DISK (m.) CHLOROPHYLL A(ppb) TROP (SPU) (mg/l) (us EPI SURF BOT. PRC. /cm) CORE GRAB GRAB GRAB MIN. MEAN MAX. N MIN. MEAN MAX. C 389 4.49 0.3 831 - 35 0.6* 0.8* 1.1* 5 9.4 14.4 19.3 - 573 4.73 2.4 107 - 56 0.6* 0.8* 1.1* 6 50.0 129.0 208.0 -	COLOR pH ALK COND. TOTAL PEOS. MEANS (ppb) SECCHI DISK (m.) CHLOROPHYLL A(ppb) TROPHIC STATE (SPU) (mg/l) (us EPI SURF BOT. PRC.	COLOR PH ALK COND. TOTAL PEOS. MEANS (ppb) SECCHI DISK (m.) CHLOROPHYLL A(ppb) TROPHIC STATE IN EPI PHOS (mg/l) (us EPI SURF BOT. PRC. EPI PHOS

LATE SUMMER TEMPERATURE / DISSOLVED OXYGEN PROFILES:

			S	AMPLE	DATE				
DEPTH	08/20/07		09/26	/07	08/18	/10	09/20/10		
m	_°C_	ppm	_°C_	ppm	_°C_	mqq	_°C_	mca	
0.0	21.4	7.7	20.5	8.6	26.0	8.4	16.7	6.3	
1.0	21.2	7.5	20.3	8.3	22 6	5 1	16 7	6 5	